

EGBK — NORTHAMPTON/SYWELL

EGBK AD 2.1 AERODROME LOCATION INDICATOR AND NAME

EGBK — NORTHAMPTON/SYWELL

EGBK AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	Lat: 521822N Long: 0004732W Mid point of Runway 03L/21R.
2	Direction and distance from city	5 nm NE of Northampton.
3	Elevation / Reference temperature	424 ft / 18 C
4	Geoid undulation at AD ELEV PSN	155 FT
5	Magnetic Variation/ Annual Change	0.83°W (2017) / 0.15°
6	AD Administration, address, telephone, telefax, AFS, e-mail address, website address	SYWELL AVIATION LTD Post: Sywell Aerodrome, Northampton, NN6 0BT Phone: 01604-491112 (Administration) Phone: 01604-644917 (AFIS) Fax: 01604-671798 (Administration) Fax: 01604-499210 (AFIS) Email: info@sywellaerodrome.co.uk (Administration) Email: sywellfis@btconnect.com (AFIS) URL: www.sywellaerodrome.co.uk
7	Type of Traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	IFR/VFR (See AD2.22)

EGBK AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	Winter: 0900-1700 or SS; and by arrangement. Night flying every Thu, Nov-Feb inclusive, SS plus 2 hours 30 minutes. Summer: 0800-1700 or SS whichever is the earlier; and by arrangement.
2	Customs and Immigration	GA Certificate of Agreement Aerodrome for customs and immigration purposes. GAR's must be submitted to the relevant authorities as follows: a) 4 hours in advance for flights arriving from within the EU b) 12 hours in advance for flights requiring Special Branch clearance i.e. to and from the Channel Islands, Isle of Man, Northern Ireland and Republic of Ireland c) 24 hours in advance for flights arriving from outside the EU
3	Health and sanitation	
4	AIS Briefing Office	
5	ATS Reporting Office (ARO)	
6	MET Briefing Office	
7	Air Traffic Service	As AD hours. See also AD 2.18.
8	Fuelling	AVTUR JETA1: during AD Hours. AVGAS 100LL/MOGAS: SR-SS.
9	Handling	
10	Security	
11	De-icing	
12	Remarks	This aerodrome is strictly PPR via telephone. Special procedures apply out of AFIS hours.

EGBK AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo handling facilities	Company forklift available.
2	Fuel and oil types	AVTUR JET A-1 AVGAS 100LL MOGAS W100, W80, Straight 80, Straight 100, 15W/50, 20W/50.
3	Fuelling facilities/capacity	AVTUR JETA1 24,000 lt. AVGAS 35,370 lt. MOGAS 17,685 lt. AVTUR JETA1 Bowser 4,000 lt.
4	De-icing facilities	
5	Hangar space for visiting aircraft	Limited on request.
6	Repair facilities for visiting aircraft	Brooklands Engineering, Tel: 01604 642000 (Mon-Fri).

EGBK AD 2.4 HANDLING SERVICES AND FACILITIES (continued)

7	Remarks	
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EGBK AD 2.5 PASSENGER FACILITIES

1	Hotels	Hotel on Aerodrome.
2	Restaurants	Restaurant and Bar, Pilots Mess.
3	Transportation	Taxis available on request. Nearest railway stations Wellingborough and Northampton.
4	Medical facilities	Company First Aid.
5	Bank and Post Office	Sywell Village. ATM at hotel on AD.
6	Tourist Office	
7	Remarks	Conference Facilities available, Tel: 01604-642111 Ext 503. VIP Lounge available on request.

EGBK AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	RFF Category A1
2	Rescue equipment	Two 4 x 4 GMC Cat 2 Foam Tenders, Two 4 x 4 Cat 1 Landrover Foam Tenders.
3	Capability for removal of disabled aircraft	Light aircraft removal using company resources.
4	Remarks	RFF Category 2 , Mon-Fri. RFF Category 1 , Sat, Sun (Category 2 on request).

EGBK AD 2.7 SEASONAL AVAILABILITY - CLEARING

EGBK AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	MAIN AND CORPORATE APRON Surface: Concrete. PCN 13/R/C/W/T
2	Taxiway width, surface and strength	Taxiway ALPHA: 10.5 m. Surface: Concrete. PCN 13/R/C/W/T Taxiway BRAVO: 25 m. Surface: Grass. Taxiway CHARLIE: 10.5 m. Surface: Concrete. PCN 13/R/C/W/T
3	Altimeter checkpoint location and elevation	
4	VOR checkpoints	
5	INS checkpoints	
6	Remarks	

EGBK AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Aircraft self-parking, wingtip clearance assistance available on request.
2	Runway and taxiway markings and lighting	Runway marking aid(s): 05/23: Threshold, edge, centre-line. 03R/21L: Threshold, edge, centre-line. 03L/21R: Threshold, centre-line, touchdown zone. Taxiway marking aid(s): ALPHA: Yellow centre-line and edge markings. BRAVO: Blue/yellow reflective lin-laners. CHARLIE: Yellow centre-line and edge markings.
3	Stop bars	Holding points A1 and A2 yellow taxiway stop bar markings.
4	Remarks	

EGBK AD 2.10 AERODROME OBSTACLES

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In circling area and at aerodrome					
Obstacle ID/Designation	Obstacle Type	Obstacle Position	Elevation/Height		Obstruction Lighting Type/Colour
1	2	3	4		5
(EGBK7490)	Windsock	521819.01N 0004739.98W	434.02 ft	27.56 ft	Yes
Obstacle is lit only during promulgated night flying by a portable generator.					

EGBK AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	
2	Hours of service MET Office outside hours	
3	Office responsible for TAF preparation Periods of validity	
4	Trend forecast Interval of issuance	
5	Briefing/consultation provided	
6	Flight documentation Language(s) used	
7	Charts and other information available for briefing or consultation	
8	Supplementary equipment available for providing information	
9	ATS units provided with information	
10	Additional information (limitation of service, etc.)	Supplementary Unofficial Met available at: http://skylink-pro.com/airfields/sywell/index.php http://www.sywell.aerodrome.co.uk/status.php

EGBK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY Number	True bearing	Dimensions of RWY	Surface of RWY/ SWY/ Strength (PCN)	THR co-ordinates/ THR Geoid undulation	THR elevation/ Highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
03L	024.56°	1258 x 30 m	RWY surface: Concrete. PCN 25/R/C/W/T	521808.97N 0004742.25W 155 ft	THR 391 ft
21R	204.56°	1258 x 30 m	RWY surface: Concrete. PCN 25/R/C/W/T	521834.08N 0004723.53W 155 ft	THR 420 ft
03R	024.56°	671 x 30 m	RWY surface: Grass.	521808.58N 0004736.44W 155 ft	THR 389 ft
21L	204.56°	671 x 30 m	RWY surface: Grass.	521828.33N 0004721.72W 155 ft	THR 410 ft
05	051.90°	602 x 30 m	RWY surface: Grass.	521810.10N 0004737.55W 155 ft	THR 391 ft
23	231.90°	602 x 30 m	RWY surface: Grass.	521822.13N 0004712.51W 155 ft	THR 390 ft

EGBK AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS (continued)

Slope of RWY/ SWY	SWY dimensions	Clearway dimensions	Strip Dimensions	OFZ	Remarks
7	8	9	10	11	12
					RWY 03L Threshold displaced by 180 m.
					RWY 21R Threshold displaced by 225 m.
					RWY 03R
					RWY 21L
					RWY 05
					RWY 23

EGBK AD 2.13 DECLARED DISTANCES

Runway design- ator	TORA	TODA	ASDA	LDA	Remarks
1	2	3	4	5	6
03L	1199 m	1199 m	1199 m	1000 m	
21R	1100 m	1100 m	1199 m	1000 m	
03R	671 m	671 m	671 m	671 m	
21L	671 m	671 m	671 m	671 m	
05	602 m	602 m	602 m	602 m	
23	602 m	602 m	602 m	602 m	

EGBK AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY	Approach lighting Type/ Length/ Intensity	Threshold lighting Colour/ Wing bars	VASIS/ MEHT/ PAPI	TDZ lighting Length	Runway Centre Line lighting Length/ Spacing/ Colour/ Intensity	Runway edge lighting Length/ Spacing/ Colour/ Intensity	Runway end lighting Colour/ Wing bars	Stopway lighting Length/ Colour	Remarks
1	2	3	4	5	6	7	8	9	10
03L		LI Green wingbars.	APAPI Left/3.5° 34 ft			LI bi-direc- tional white every 30m.	LI Red		Lighting is portable and available on request H48. Runway 03L/21R: Dis- placed threshold area has LI red sidelights every 30 m. PAPI Dist from Thr: 145 m
21R		LI Green wingbars.	APAPI Left/3.5° 25 ft			LI bi-direc- tional white every 30m.	LI Red		Lighting is portable and available on request H48. Runway 03L/21R: Dis- placed threshold area has LI red sidelights every 30 m. PAPI Dist from Thr: 151 m

EGBK AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	IBN: Flashing Green 'NN' IBN on top of AFISU Tower.
2	LDI location and lighting Anemometer location and lighting	Anemometer: 521807.38N 0004726.66W
3	TWY edge and centre line lighting	Taxiway: . Portable Taxiway Alpha LI blue edge and Lit hold board at A1 (available on request 48 hours notice). Apron lighting on Corporate Hangar (adjacent to hold C).
4	Secondary power supply/switch-over time	
5	Remarks	All lighting, except corporate apron, portable on request H48.

EGBK AD 2.16 HELICOPTER LANDING AREA**INTENTIONALLY BLANK****EGBK AD 2.17 AIR TRAFFIC SERVICES AIRSPACE**

Designation and lateral limits	Vertical Limits	Airspace Class	ATS unit callsign/ language	Transition Altitude	Remarks
1	2	3	4	5	6
NORTHAMPTON/SYWELL ATZ A circle, 2 nm radius centred at 521822N 0004732W on longest notified runway (03L/21R)	Upper limit: 2000 ft Lower limit: SFC	G	SYWELL INFORMATION English	6000 ft	

EGBK AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Callsign	Channel(s)	Hours of Operation	Remarks
1	2	3	4	5
AFIS	SYWELL INFORMATION	122.700 MHz DOC 10 nm/3000 ft	Winter: 0900-1700 or SS, and by arrangement. Summer: 0800-1700 or SS whichever is earlier, and by arrangement.	ATZ hours coincident with AFIS hours, but not by arrangement.

EGBK AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of Aid CAT of ILS/MLS (For VOR/ILS/MLS, give VAR)	Ident	Frequency	Hours of Operation	Position of transmitting antenna co-ordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	NN	378.500 kHz	Winter: 0900-1700 or SS Sat 0800- 1400 Summer: 0800-1700 or SS whichever is earlier Sat 0700-1300	521755.89N 0004751.15W		Range 15 nm. Normally radiates H24.

EGBK AD 2.20 LOCAL TRAFFIC REGULATIONS**1 Airport Regulations**

- (a) Aerodrome strictly PPR by telephone 01604-644917.
- (b) All helicopters visiting Sloane Helicopters require additional PPR through Sloane Operations, Tel: 01604-817146.

2 Ground Movement

- (a) No apron markings, caution when parking to ensure adequate wing tip clearance. Aircraft should not block access to the refuelling area and hangar access gate when parking on the concrete apron.

EGBK AD 2.20 LOCAL TRAFFIC REGULATIONS (continued)

- (b) All parking self-manoeuvring, assistance available on request.
- (c) Aircraft commanders requested to use minimum power on the hard apron/refuelling area due to possible proximity of microlights.
- (d) Start up and taxi clearance must be received from AFIS.
- (e) Helicopters requiring AVGAS should park on the circled 'H' at the fuel apron adjacent to the fuel pumps.

3 CAT II/III Operations

Not applicable

4 Warnings

- (a) Public roads run along the east, south and southwest boundaries.
- (b) The aerodrome is used by significant numbers of light helicopters in the training role. Helicopter circuit flying takes place on the 'dead-side' and parallel to the active runway up to 800 ft agl.
- (c) All grass runways are marked by non-standard white chalk centre-line markings.
- (d) Formation Aerobatic Team resident at Northampton/Sywell. Practice and corporate displays take place throughout the year, during licensed aerodrome hours. 3 nm radius ARP up to 5000 ft agl. No movements permitted during displays. Aerodrome strictly PPR during which details of any displays can be obtained.
- (e) A small arms range exists approximately 1000 m north north west of the ARP to the right of the Runway 21R approach.
- (f) Intense bird activity at times, mainly Gulls and Corvids.

5 Helicopter Operations

- (a) Helicopter circuits opposite direction to fixed wings 800 ft QFE.
- (b) No overhead or crosswind joins for helicopters.
- (c) Strict Helicopter Noise Abatement procedures. No approaches to Runway 03 or runway heading departures off Runway 21 permitted. The area to the immediate south of the aerodrome is to be avoided at all times.

6 Use of Runways

- (a) Parallel usage of Runways 03L/03R and 21L/21R not permitted.
- (b) When Runway 03 or 21 is in use pilots to advise AFIS of intention to using either hard or grass runway.
- (c) When grass runways unusable expect lengthy backtracking of Runway 03L/21R.

7 Training

- (a) Training slots available for non-based aircraft PPR through Sywell AFIS.

EGBK AD 2.21 NOISE ABATEMENT PROCEDURES

- (a) The following villages are all particularly noise sensitive and should be avoided where possible: Earls Barton, Ecton, Hannington, Hardwick, Mears Ashby, Overstone, Sywell.
- (b) Helicopter Noise Abatement see AD 2.20 para 5(c).
- (c) Runway 21 and 23 departures requested to maintain runway track until passing 500 ft before turning to avoid Sywell Village School.

EGBK AD 2.22 FLIGHT PROCEDURES

1 Circuits

- (a) Fixed wing circuits 1000 ft QFE Left Hand Runways 03 and 23; Right Hand Runways 05 and 21. Helicopter circuits 800 ft QFE opposite direction to fixed wing circuits.
- (b) Non radio and aircraft experiencing radio failure to join via the overhead to observe the signal square for active runway and fit into the traffic pattern.
- (c) Standard fixed wing join is via the overhead not below 1500 ft QFE, helicopters may be operating up to 800 ft QFE deadside. Straight-in, baseleg or downwind joins subject to traffic.
- (d) Visiting helicopters are requested to join via the western or eastern boundaries avoiding the noise abatement area to the south of the aerodrome. Other methods of joining on request are subject to traffic.

EGBK AD 2.22 FLIGHT PROCEDURES (continued)

- (e) Helicopters to land in the grassed central area avoiding active runways.

2 IFR Traffic

- (a) The aerodrome does not have any instrument approach procedure, all arrivals must operate under VMC only. For IFR departures, AFIS will obtain a squawk and London Control frequency but aircraft must remain clear of Controlled Airspace until cleared to enter by the relevant controlling authority.

EGBK AD 2.23 ADDITIONAL INFORMATION

Not applicable

EGBK AD 2.24 CHARTS RELATED TO AN AERODROME

Figure: AERODROME CHART - ICAO

AD 2-EGBK-2-1

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